

Glass & Tubing for Level Gauges



Model 503 Standard Clear

Model 503 – Standard Clear Duran Borosilicate.
Lengths up to 72". Wall $\pm 1/64"$
5/8"OD: +0 -3/64", 5/64" wall
3/4"OD: +0 -3/64", 3/32" wall
Standard Low Pressure Apps



Model 505 High Pressure Clear

Model 505 – High Pressure Clear Duran Borosilicate.
Lengths up to 144". Wall $\pm 1/64"$
5/8"OD: +0 -1/32", 3/32" wall
3/4"OD: +0 -1/32", 7/64" wall
Other OD's: 1/2", 7/8", 1", 1-1/8", 1-1/4", 1-1/2".



Model 506 Redline

Model 506 – Redline Duran Borosilicate.
Lengths up to 144". Wall $\pm 1/64"$
5/8"OD: +0 -1/32", 3/32" wall
3/4"OD: +0 -1/32", 7/64" wall
Other OD's: 1/2", 7/8", 1", Magnifies clear liquids as red.



Model 507 Heavy Wall Clear

Model 507 – Heavy Wall Duran Borosilicate.
Lengths up to 48".
5/8"OD: +1/64" -3/64", 3/16" wall
3/4"OD: +1/64" -3/64", 7/32" wall
Other OD's: 7/8", 1"
Recommended for Steam.



Model 508 Heavy Wall Redline

Model 508 – Heavy Wall Redline Duran Borosilicate.
Lengths up to 48".
5/8"OD: +1/64" -3/64", 3/16" wall
3/4"OD: +1/64" -3/64", 7/32" wall
Magnifies clear liquids as red.
Recommended for Steam.



Model 521 Acrylic

Model 521 – Acrylic Tubing.
Lengths up to 72". 140°F max.
OD: 1/2", 5/8", 3/4", 1",
Wall: 1/8"



Model 522 Polycarbonate

Model 522 – Polycarbonate (Lexan) Tubing. 200°F max.
Lengths up to 96".
OD: 1/2", 5/8", 3/4", 1",
Wall: 1/16", (1/8" on 1" OD)
Model 524 HW Lexan: 3/4"OD only with 7/64" wall, 48" length



Model 523 PVC

Model 523 – PVC Clear Rigid Tubing. 120°F max.
Lengths up to 72".
OD: 1/2", 5/8", 1-1/8", 2", 2-1/2"
Wall: 1/16", FDA Tubing
Excelon R-2000



Model 514 Heavy Wall Glass

Model 514 – Heavy Wall Borosilicate Tubing. 425°F max.
Lengths up to 48".
OD with 5/32" wall: 1-3/4"
OD with 3/16" wall: 2", 2-1/4", 2-1/2", 2-3/4", 3", 3-1/4", 3-1/2"
OD with 1/4" wall: 4", 4-1/2", 5", 5-1/2",
OD with 5/16" wall: 6", 6-1/2"
OD with 3/8" wall: 7"

Pressure & Temperatures

503 – Standard Clear (PSIG)

Glass Length Inches	5/8" OD		3/4" OD	
	Non-Steam to 150°F	Steam to 425°F	Non-Steam to 150°F	Steam to 425°F
12	205	100	205	100
14	200	100	200	100
16	195	100	195	100
18	190	100	190	100
20	185	100	185	100
24	180	100	180	100
30	175	NR	175	NR
36	165	NR	165	NR
48	140	NR	140	NR

505 – High Pressure Clear (PSIG)

Glass Length Inches	5/8" OD		3/4" OD	
	Non-Steam to 150°F	Steam to 425°F	Non-Steam to 150°F	Steam to 425°F
12	410	305	400	300
14	390	295	385	290
16	375	285	370	280
18	360	280	355	275
20	350	270	345	265
24	320	255	315	250
30	280	NR	275	NR
36	245	NR	240	NR
48	195	NR	190	NR

506 – Redline (PSIG)

Glass Length Inches	5/8" OD		3/4" OD	
	Non-Steam to 150°F	Steam to 425°F	Non-Steam to 150°F	Steam to 425°F
12	335	280	330	275
14	325	275	320	270
16	315	270	310	265
18	305	265	300	260
20	290	265	285	260
24	265	255	260	250
30	235	NR	230	NR
36	205	NR	200	NR
48	165	NR	160	NR

507 – Heavy Wall Clear (PSIG)

Glass Length Inches	5/8" OD		3/4" OD	
	Non-Steam to 150°F	Steam to 425°F	Non-Steam to 150°F	Steam to 425°F
12	600	340	600	340
14	600	335	600	335
16	600	325	600	325
18	600	320	600	320
20	600	315	600	315
24	580	300	580	300
30	550	NR	550	NR
36	500	NR	500	NR
48	340	NR	340	NR

508 – Heavy Wall Redline (PSIG)

Glass Length Inches	5/8" OD		3/4" OD	
	Non-Steam to 150°F	Steam to 425°F	Non-Steam to 150°F	Steam to 425°F
12	600	340	600	340
14	600	325	600	325
16	600	325	600	325
18	600	315	600	315
20	600	315	600	315
24	580	300	580	300
30	550	NR	550	NR
36	500	NR	500	NR
48	340	NR	340	NR

NR = Not Recommended for Steam Service
All Glass and Tubing can be cut to any length.

GLASS & GASKETS